

Purchase Order Receipt Listing

Wednesday, July 26, 2017 1:28:51 PM

All amounts are calculated in domestic currency.

All Vendors PO ID PO37090 Receipt Dates from 7/20/2017 to 7/20/2017 All Line Item Types
All Item ID/GL/WOs All Rec. Employees All Currencies
Grouped by Vendor ID

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M / Stock U/M	Required Date Required Qty	Recv Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
Vendor ID Vendor Name VC-CAM002 Acier Ouellette Inc.											
PO37090	2		M304R0.375 /	f	7/21/2017	7/20/2017	24.8000	\$0.80	0.0000	0	\$19.76
CAD	No		304 ROUND BAR	f	24.0000	PLOU01		\$19.76	0.0000	0	
			0.375								
			m138109								
	3		M304S12GA /	sf	7/21/2017	7/20/2017	32.0000	\$9.31	0.0000	0	\$297.88
	No		304/316 0.100" Sheet sf		32.0000	PLOU01		\$297.88	0.0000	0	
			m138109								
	4		M304S16GA /	sf	7/21/2017	7/20/2017	64.0000	\$5.02	0.0000	0	\$321.00
	No		304/316 Sheet .063	sf	64.0000	PLOU01		\$321.00	0.0000	0	
			m138109								
	5		M6061T6B2.500X01. /	f	7/21/2017	7/20/2017	12.0000	\$10.18	0.0000	0	\$122.21
	No		500								
			6061-T6 Bar 2.50 x	f	12.0000	PLOU01		\$122.21	0.0000	0	
			1.50								
			m138109								
	6		M6061T6B1.000X06. /	f	7/21/2017	7/20/2017	24.0000	\$14.94	0.0000	0	\$358.51
	No		000								
			6061T6 BAR 1.00 X	f	24.0000	PLOU01		\$358.51	0.0000	0	
			6.00								
			m138109								
	8		M6061T6S.080 /	sf	7/21/2017	7/20/2017	64.0000	\$4.67	0.0000	0	\$298.78
	No		6061-T6 .080 Sheet	sf	64.0000	PLOU01		\$298.78	0.0000	0	
			m138109								
	10		M6061T6R0.500 /	f	7/21/2017	7/20/2017	40.0000	\$0.45	0.0000	0	\$18.02
	No		6061-T6 Round Bar	f	40.0000	PLOU01		\$18.02	0.0000	0	
			.500"								
			m138109								

Purchase Order ID/ Curr Type	Line Nbr/ Insp Req	Project ID	Reference/ Description/ Cert Std	PO U/M/ Stock U/M	Required Date Required Qty	Recv Date/ Date/ Recv Emp	Recv Qty (PO U/M)	Cost Per Unit/ Recv Value	Inspected Qty/ Rejected Qty (PO U/M)	MRB Qty/ MRB Reject Qty	Book Amt
VendorID\Vendor Name VC-CAM002 Acier Onellette Inc.											
PO37090	12		M6061T6B2.000X04. f 500		7/21/2017	7/20/2017	9.5000	\$56.78	0.0000	0	\$539.42
CAD	No		6061T6 Bar 2.00 x 4.500 (cut to 5.00 OR 5.625 +.030"/-.000) m138109	4.6 X 5.737 f x 2	9.5000	PLOU01		\$539.42	0.0000	0	
	13		71401-45		7/21/2017	7/20/2017	1.0000	\$0.00	0.0000	0	
	No		PROCUREMENT QUALITY CLAUSES m138109		1.0000	PLOU01		\$0.00	0.0000	0	\$0.00
Total Received Quantity:											
Total Qty to Inspect (PO U/M):											
Total Reject Quantity:											
Total Receipt Value:											
Total Balance Due Quantity:											
271.3000											
0.0000											
0.0000											
\$1,975.57											
0.0000											



DELIVERY - USINE

CO00041756

ACIER OUELLETTE INC.

935, Boul. du Havre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mt: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mt: 514-336-4246 Ext.: 866-456-4242

Customer N° CLJ0001056

Date 2017/07/18

Delivery date 2017/07/21

Your order N° 37090

Processed by Josianne Bourdon

Salesman

Carrier OUELLETTE VALLEYFIELD

Credit Terme Net 30 Days

Page 1

Shipped to

DART AEROSPACE LTD

1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Delivery Route 5

Instruction F-M

Instruction	Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only		
					CMD	EXP	B/O	IN	I	S C
1	PLATE 44W/50W 1/2 (4 X 8) P44-1248 4059	1 305.60	64.00	PI2_\$CLB						
2	2 X 4' X 8' HEAT: 268443 ROUND SS 3/8 304 (12R) RSS-38-12 5763	9.02	24.00	PI_\$CLB						
3	2 X 12' R/L HEAT: CH-3840 SHEET SS 12G SS304-28 (4 X 8) FESS-12G483042B 3407	147.01	32.00	PI2_\$CLB						
4	1 X 4' X 8' HEAT: 313 L SHEET SS 16G SS304-28 (4 X 8) FESS-16G483042B 3419	168.00	64.00	PI2_\$CLB						
	2 X 4' X 8' HEAT: 268443 JTT14Z088123									

NIR : R-109516-6

Next Page...



DELIVERY - USINE

CO00041756

ACIER OUELLETTE INC.

935, Boul. du Havre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Customer N°

CLI0001056

Date

2017/07/18

Delivery date

2017/07/21

Your order N°

37090

Processed by

Josianne Bourdon

Salesman

Carrier

OUELLETTE VALLEYFIELD

Credit Terme

Net 30 Days

Page

2

Shipped to

DART AEROSPACE LTD
1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Delivery Route 5

Instruction F-M

Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only		
				CMD	EXP	B/O	IN	I	S C
5 FLAT ALU 1 1/2 X 2 1/2 6061-T6 (12) FAL-112212-12 2438 DAS 5 1 X 12' R/L HEAT: 201620153 9-89 DAS 5 6 FLAT ALU 1 X 6 6061-T6 (12) 2535 FAL-16-12 2535 9-89 2 X 12' HEAT: 36576 7 ALU SHEET .064 (14G) 6061-T6 (4 X 8) FEAL-064486061 3175 2 X 4' X 8' HEAT: TRANSFERT ST-JEROME LE 19-07	52.87 169.18 57.66	12.00 24.00 64.00	PL_\$CLB PL_\$CLB PIZ_\$CLB						

NIR : R-109516-6

Next Page...



DELIVERY - USINE

CO00041756

ACIER OUELLETTE INC.

935, Boul. du Hâvre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Customer N° CLI0001056

Date 2017/07/18

Delivery date 2017/07/21

Your order N° 37090

Processed by Josianne Bourdon

Salesman

Carrier OUELLETTE VALLEYFIELD

Credit Terme Net 30 Days

Page 3

Billed to

DART AEROSPACE LTD

1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario,

Att : CHANTAL LAVOIE Tél.: 613-632-5200

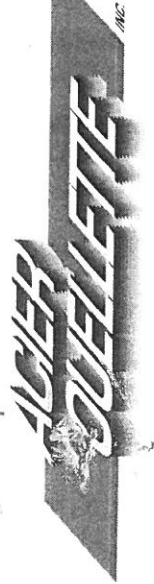
Delivery Route 5

Instruction F-M

Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only		
				CMD	EXP	B/O	IN	I	S C
9 ALU SHEET .081 (12G) 6061-T6 (4 X 8) DAS FEAL-081486061 3199 5 2 X 4' X 8' HEAT 275871 274797 9-89	73.02	64.00	PI2_\$CLB						
10 ALU SHEET .032 (2007) 6061-T6 (4 X 8) FEAL-032486061 3100 2 X 4' X 8' HEAT:	28.93	64.00	PI2_\$CLB						
11 ROUND ALU 1/2 6061-T6 (20) RAL-12-20 5126 5 2 X 20' HEAT 68724 9-89	9.24	40.00	PI_\$CLB						
12 FLAT ALU 2 X 4 1/2 6061-T6 RANDOM NS FAL-2412-V 8448 20 X 4 1/2" X 5 5/8" TOL .030/-0 HEAT: T6061 / T-6125	211.60	20.00	PI						

NIR : R-109516-6

Next Page...



DELIVERY - CLIENT

CO00041756

ACIER OUELLETTE INC.

935, Boul. du Havre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Customer N° CLI0001056

Date 2017/07/18

Delivery date 2017/07/20

Your order N° 37090

Processed by Josianne Bourdon

Salesman

Carrier OUELLETTE VALLEYFIELD

Credit Terme Net 30 Days

Page 1

Billed to

DART AEROSPACE LTD

1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario,

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Delivery Route 5

Instruction	F-M	Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only		
						CMD	EXP	B/O	IN	I	S C
1		PLATE 44W/50W 1/2 (4 X 8) P44-1248 4059 2 X 4' X 8' HEAT:	1 305.60	64.00	PI2_\$CLB		24	✓	✓	good.	
2		ROUND SS 3/8 304 (12R) RSS-38-12 5763 2 X 12' R/L HEAT:	9.02	24.00	PL_\$CLB		24	✓	✓	good.	
3		SHEET SS 12G SS304-2B (4 X 8) FESS-12G483042B 3407 1 X 4' X 8' HEAT:	147.01	32.00	PI2_\$CLB		14	✓	✓	good.	
4		SHEET SS 16G SS304-2B (4 X 8) FESS-16G483042B 3419 2 X 4' X 8' HEAT:	168.00	64.00	PI2_\$CLB		24	✓	✓	good.	

NIR : R-109516-6

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Next Page...



DELIVERY - CLIENT

CO00041756

ACIER OUELLETTE INC.

935, Boul. du Havre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Customer N° CLI0001056
Date 2017/07/18
Delivery date **2017/07/20**
Your order N° 37090
Processed by Josianne Bourdon
Salesman
Carrier OUELLETTE VALLEYFIELD
Credit Terme Net 30 Days
Page 2

Billed to

DART AEROSPACE LTD
1270 , ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario,

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Delivery Route 5

Instruction	F-M	Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only		
						CMD	EXP	B/O	IN	I	S C
5		FLAT ALU 1 1/2 X 2 1/2 6061-T6 (12) FAL-112212-12 2438 1 X 12' R/L HEAT:	52.87	12.00	PI_\$CLB		14	12			
6		FLAT ALU 1 X 6 6061-T6 (12) FAL-16-12 2535 2 X 12' HEAT:	169.18	24.00	PI_\$CLB		12				
7		ALU SHEET .064 (14G) 6061-T6 (4 X 8) FEAL-064486061 3175 2 X 4' X 8' HEAT:	57.66	64.00	PI2_\$CLB		27				
TRANSFERT ST-JEROME LE 19-07											

NIR : R-109516-6

Next Page...



DELIVERY - CLIENT

CO00041756

ACIER OUELLETTE INC.

935, Boul. du Havre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Customer N°

Date

Delivery date

Your order N°

Processed by

Salesman

Carrier

Credit Terme

Page

CLI0001056

2017/07/18

2017/07/20

37090

Josianne Bourdon

OUELLETTE VALLEYFIELD

Net 30 Days

3

Billed to

DART AEROSPACE LTD

1270 , ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario,

Att : CHANTAL LAVOIE Tél.: 613-632-5200

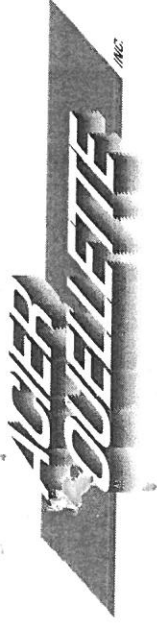
Delivery Route 5

Instruction F-M

Product Description	Weight	Qty	U/M	PCS NB		Internal Use Only			
				CMD	EXP	B/O	IN	I	S C
9 ALU SHEET .081 (12G) 6061-T6 (4 X 8) FEAL-081486061 3199 2 X 4' X 8' HEAT:	73.02	64.00	PI2_\$CLB		2X				
10 ALU SHEET .032 (20G) 6061-T6 (4 X 8) FEAL-032486061 3100 2 X 4' X 8' HEAT:	28.93	64.00	PI2_\$CLB		2X				
TRANSFERT ST-JEROME LE 19-07									
12 ROUND ALU 1/2 6061-T6 (20) RAL-12-20 5126 2 X 20' HEAT:	9.24	40.00	PI_\$CLB		2X				

NIR : R-109516-6

Next Page...



DELIVERY - CLIENT

CO00041756

ACIER OUELLETTE INC.

935, Boul. du Hâvre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Customer N° CL10001056
Date 2017/07/18
Delivery date 2017/07/20
Your order N° 37090
Processed by Josianne Bourdon
Salesman
Carrier OUELLETTE VALLEYFIELD
Credit Terme Net 30 Days
Page 4

Billed to

DART AEROSPACE LTD
1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario,

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Delivery Route 5

Instruction	F-M	Product Description	Weight	Qty	U/M	PCS NB		Internal Use Only			
						CMD	EXP	B/O	IN	I	S C
13		FLAT ALU 2 X 4 1/2 6061-T6 RANDOM NS FAL-2412-V 8448 20 X 4 1/2" X 5 5/8" TOL .030/- 0 HEAT:	211.60	20.00	PI			204			

Conditions :

All sold and delivered materials remain the property of "Acier Ouellette Inc" until payment is made in full, complete and cashed. All lost materials are at the buyer's expense. The warranty offered by "Acier Ouellette Inc." is the same as offered and honored by the manufacturer and his warranty is transferred by "Acier Ouellette Inc." to the client. The buyer hereby accepts to respect the following conditions: Net 30 days from billing date and the buyer accepts to pay administration charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice to claim for the balance due or the repossession of the goods sold. All claims must be made within five (5) days with this document enclosed. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to a 25% restocking charge.

Total Weight (Lbs) : 2 232.13

NIR : R-109516-6

Prepared By :
Verified By :
Delivered By :
Time

Customer's Signature
Date
Y M D
17 07 20

Total (\$CAD)



DELIVERY - CLIENT

Copy

CO00041756

ACIER OUELLETTE INC.

935, Boul. du Havre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Customer N°

Date

Delivery date

Your order N°

Processed by

Salesman

Carrier

Credit Terme

Page

Billed to

DART AEROSPACE LTD

1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario,

Att: CHANTAL LAVOIE Tél.: 613-632-5200

Delivery Route 5

Instruction F-M

Product Description	Weight	Qty	U/M	PCS NB			Internal Use Only			
				CMD	EXP	B/O	IN	I	S	C
14 FLAT ALU 2 X 4 1/2 6061-T6 RANDOM NS FAL-2412-V 8448 20 X 4 1/2" X 5 5/8" TOL .030/- 0 HEAT:	211.60	20.00	PI							

NIR : R-109516-6

Total Weight (Lbs) : 2 305.15

Conditions : All sold and delivered materials remain the property of "Acier Ouellette Inc" until payment is made in full, complete and cashed. All lost materials are at the buyer's expense. The warranty offered by "Acier Ouellette Inc." is the same as offered and honored by the manufacturer and his warranty is transferred by "Acier Ouellette Inc." to the client. The buyer hereby accepts to respect the following conditions: Net 30 days from billing date and the buyer accepts to pay administration charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice to claim for the balance due or the repossession of the goods sold. All claims must be made within five (5) days with this document enclosed. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to a 25% restocking charge.

Total (\$CAD)

Prepared By :	Verified By :	Delivered By :	Time
Customer's Signature		Date	



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO37090**

Purchase Order Date 7/18/2017

PO Print Date 7/18/2017

Page Number 1 of 6

Order From :

VC-CAM002

ACIER OUELLETTE INC.
935 BOUL. DU HAVRE
VALLEYFIELD, QC J6S 5L1
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

E-MAILED
JUL 18 2017

Contact Name

Vendor Phone 800 667 4248

Ship To Contact

Ship To Phone

Ship Via: Yours ppd

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms Net 30

Currency CAD

FOB FCA - (Free Carrier)

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	71900-90 2 SHEET 4 X 8 FT	PLATE 44W/50W 1/2	7/21/2017 Yes 7/21/2017		2.00 Each	\$332.60	\$665.20
Line Total:							\$665.20
2	M304R0.375 MATERIAL: AISI 304/316 SS ROUND BAR AS PER ASTM A276 (NOTE: AISI 303 NOT ACCEPTABLE)	304 ROUND BAR 0.375	7/21/2017 Yes 7/21/2017		24.00 f	\$1.03	\$24.82
Line Total:							\$24.82

PO Instructions: QUOTATION SOU0046053

Note:

7/18/2017



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO37090**

Purchase Order Date 7/18/2017

PO Print Date 7/18/2017

Page Number 2 of 6

Order From :

VC-CAM002

ACIER OUELLETTE INC.
935 BOUL. DU HAVRE
VALLEYFIELD, QC J6S 5L1
CA

Ship To : DART AEROSPACE LTD
1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 800 667 4248

Ship To Contact

Ship To Phone

Ship Via: Yours ppd

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms Net 30

Currency CAD

FOB FCA - (Free Carrier)

3	M304S12GA	304/316 0.100" Sheet	7/21/2017 Yes 7/21/2017	32.00 sf	\$12.08	\$386.56
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PURCHASE MATERIAL: AISI 304/316 SS SHEET
ANNEALED
SPECIFICATION: MIL-S-5059
OR AMS 5513 (304)
OR AMS 5524 (316)
ORASTMA240
OR ASME SA240

Line Total: \$386.56

4	M304S16GA	304/316 Sheet .063	7/21/2017 Yes 7/21/2017	64.00 sf	\$6.51	\$416.56
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PURCHASE MATERIAL: AISI 304/316 SS SHEET
ANNEALED
SPECIFICATION: MIL-S-5059
OR AMS 5513 (304)
OR AMS 5524 (316)
ORASTMA240
OR ASME SA240

Line Total: \$416.56

PO Instructions: QUOTATION SOU0046053

Note:

7/18/2017

SPR-7-26



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO37090

Purchase Order Date 7/18/2017

PO Print Date 7/18/2017

Page Number 3 of 6

Order From :

ACIER OUELLETTE INC.
935 BOUL. DU HAVRE
VALLEYFIELD, QC J6S 5L1
CA

VC-CAM002

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 800 667 4248

Ship To Contact

Ship To Phone

Ship Via:

Yours ppd

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

CAD

FOB

FCA - (Free Carrier)

5	M6061T6B2.500X01.500	6061-T6 Bar 2.50 x 1.50	7/21/2017	12.00	\$13.22	\$158.59
			Yes	f		
			7/21/2017			

MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

6	M6061T6B1.000X06.000	6061T6 BAR 1.00 X 6.00	7/21/2017	24.00	\$19.38	\$465.23
			Yes	f		
			7/21/2017			

MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

Line Total: \$158.59

Line Total: \$465.23

7	M6061T6S.063	6061-T6 .063 Sheet	7/21/2017	64.00	\$3.12	\$199.49
			Yes	sf		
			7/21/2017			

MATERIAL: 6061-T6/T62 ALUMINUM SHEET AS PER
QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027
OR ASTM B209

PO Instructions: QUOTATION SOU0046053

Note:

7/18/2017



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO37090**

Purchase Order Date 7/18/2017

PO Print Date 7/18/2017

Page Number 4 of 6

Order From :

VC-CAM002

ACIER OUELLETTE INC.
935 BOUL. DU HAVRE
VALLEYFIELD, QC J6S 5L1
CA

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 800 667 4248

Ship To Contact

Ship To Phone

Ship Via: Yours ppd

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms Net 30

Currency CAD

FOB FCA - (Free Carrier)

8	M6061T6S.080	6061-T6 .080 Sheet	7/21/2017 Yes 7/21/2017	64.00 sf	\$6.06	\$387.72
---	--------------	--------------------	-------------------------------	-------------	--------	----------

MATERIAL: 6061-T6/T62 ALUMINUM SHEET AS PER
QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027
OR ASTM B209

Line Total: \$199.49

Line Total: \$387.72

9	M6061T6S.032	6061-T6 Sheet 0.032"	7/21/2017 Yes 7/21/2017	64.00 sf	\$1.98	\$126.69
---	--------------	----------------------	-------------------------------	-------------	--------	----------

MATERIAL: 6061-T6/T62 ALUMINUM SHEET AS PER
QQ-A-250/11 OR AMS-QQ-A-250/11 OR AMS 4025 OR AMS 4027
OR ASTM B209

Line Total: \$126.69

PO Instructions: QUOTATION SOU0046053

Note:

7/18/2017



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO37090**

Purchase Order Date 7/18/2017

PO Print Date 7/18/2017

Page Number 5 of 6

Order From :

ACIER OUELLETTE INC.
935 BOUL. DU HAVRE
VALLEYFIELD, QC J6S 5L1
CA

VC-CAM002

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 800 667 4248

Ship To Contact

Ship To Phone

Ship Via: Yours ppd

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 30

Currency

CAD

FOB

FCA - (Free Carrier)

10	M6061T6R0.500	6061-T6 Round Bar .500"	7/21/2017	40.00	\$0.58	\$23.38
			Yes	f		
			7/21/2017			

MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM ROUND BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

12	M6061T6B2.000X04.500	6061T6 Bar 2.00 x 4.500 (cut to 5.00 OR 5.625 +.030"/-.000)	7/21/2017	9.50	\$73.68	\$700.00
			Yes	f		
			7/21/2017			

MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM BAR
AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116
OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR
ASTM B221

NOTE: CUT TO SIZE 5.625" X 20 PCS

Line Total: \$23.38

Line Total: \$700.00

PO Instructions: QUOTATION SOU0046053

Note:

7/18/2017



Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID **PO37090**

Purchase Order Date 7/18/2017

PO Print Date 7/18/2017

Page Number 6 of 6

Order From :

VC-CAM002

ACIER OUELLETTE INC.
935 BOUL. DU HAVRE
VALLEYFIELD, QC J6S 5L1
CA

Ship To :

DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

Contact Name

Vendor Phone 800 667 4248

Ship To Contact

Ship To Phone

Ship Via: Yours ppd

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax # 10127-2607

Terms Net 30

Currency CAD

FOB FCA - (Free Carrier)

13	71401-45	PROCUREMENT QUALITY CLAUSES	7/21/2017	1.00	\$0.00	\$0.00
----	----------	--------------------------------	-----------	------	--------	--------

No

7/21/2017

Procurement Quality Clauses

A005 right of entry

A012 chemical and physical test report

A016 personnel qualification

A017 raw material identification (as applicable)

A026 certification of material conformance

A041 quality management system

A042 dart notification by supplier

A043 retention of quality document

887724

Line Total: \$0.00

PO Total: \$3,554.24

PO Instructions: QUOTATION SOU0046053

Note: Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Change Nbr: 2

Change Date: 7/18/2017

CLD



ACIER OUELLETTE INC.

935, Boul. du Havre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Quotation

SOU0046053

Billed to

DART AEROSPACE LTD
1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario,

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Customer N°

CLI0001056

Date

2017/07/14

Revision N°

0

Prices valid until

2017/07/21

Your Order N°

Processed by

Josianne Bourdon

Salesman

JOSIANNE

Carrier

OUELLE SDV

Credit Terms

Net 30 Days

Page

1

Product N° and description	Weight	Qty U/M	Qty U/M	Price	Pcs Nb	Price	Amount
PLATE 44W/50W 1/2 (4 X 8) P44-1248 4059 <i>P2025331</i> <i>2 X 4' X 8' STOCK RD17-1027-01</i>	1 305.60	64.00 PI2_\$CLB	2.00 UN		2.00	332.600	665.20
ROUND SS 1/2 303 (12R) RSS-12303-12 5726 <i>6 X 12' R/L 2-3 DAYS</i>	48.02	72.00 PI_\$CLB	72.00 PI		6.00	30.891	185.35
ROUND SS 3/4 303 (12R) RSS-34303-12 5760 <i>3 X 12' R/L STOCK</i>	54.07	36.00 PI_\$CLB	36.00 PI		3.00	63.083	189.25
ROUND SS 3/8 304 (12R) RSS-38-12 5763 <i>2 X 12' R/L STOCK</i>	9.02	24.00 PI_\$CLB	24.00 PI		2.00	12.410	24.82
SHEET SS 12G SS304-2B (4 X 8) FESS-12G483042B 3407 <i>1 X 4' X 8' STOCK</i>	147.01	32.00 PI2_\$CLB	1.00 UN		1.00	386.560	386.56
SHEET SS 16G SS304-2B (4 X 8) FESS-16G483042B 3419 <i>2 X 4' X 8' STOCK</i>	168.00	64.00 PI2_\$CLB	2.00 UN		2.00	208.280	416.56
FLAT ALU 2 X 4 1/2 6061-T6 RANDOM NS FAL-2412-V 8448 <i>20 X 4 1/2" X 5 5/8" TOL +.030/-0.00 DELIVERY 3-4 DAYS</i>	211.60	20.00 PI	20.00 PI		20.00	35.000	700.00
AL. PLAT 2 X 8 6061T6 N <i>2 X 4' DELIVERY 2-3 DAYS</i>	0.00	2.00 UN	2.00 UN		2.00	315.000	630.00
FLAT ALU 1 1/2 X 2 1/2 6061-T6 (12) FAL-112212-12 2438 <i>1 X 12' STOCK</i>	52.87	12.00 PI_\$CLB	1.00 UN		1.00	158.590	158.59

préavis en fonction de l'évolution des prix de l'acier sur le marché.
Cette offre est sujette et conditionnelle à l'approbation du crédit.

Date :

Next Page...

**ACIER OUELLETTE INC.**

935, Boul. du Havre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Quotation**SOU0046053****Billed to**

DART AEROSPACE LTD
1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

, Ontario,

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Customer N°

CLI0001056

Date

2017/07/14

Revision N°

0

Prices valid until**2017/07/21****Your Order N°****Processed by**

Josianne Bourdon

Salesman

JOSIANNE

Carrier

OUELLE SDV

Credit Terms

Net 30 Days

Page

2

Product N° and description	Weight	Qty	U/M	Qty	U/M	Price	Pcs Nb	Price	Amount
AL. PLAT 6061-T6 2 1/2" X 3 1/2" N 1 X 12' 2-3 JOURS	0.00	1.00	UN	1.00	UN		1.00	405.000	405.00
FLAT ALU 1 X 6 6061-T6 (12) FAL-16-12 2535 2 X 12' STOCK	169.18	24.00	PI_\$CLB	2.00	UN		2.00	232.615	465.23
ALU SHEET .064 (14G) 6061-T6 (4 X 8) FEAL-064486061 3175 2 X 4' X 8' 2-3 DAYS	57.66	64.00	PI2_\$CLB	2.00	UN		2.00	99.745	199.49
ALU SHEET .081 (12G) 6061-T6 (4 X 12) FEAL-0814126061 3195 2 X 4' X 12' 2-3	109.54	96.00	PI2_\$CLB	2.00	UN		2.00	302.290	604.58
ALU SHEET .081 (12G) 6061-T6 (4 X 8) FEAL-081486061 3199 2 X 4' X 8' 3-4 DAYS	73.02	64.00	PI2_\$CLB	2.00	UN		2.00	193.860	387.72
ALU SHEET .032 (20G) 6061-T6 (4 X 8) FEAL-032486061 3100 2 X 4' X 8' 2-3 DAYS	28.93	64.00	PI2_\$CLB	2.00	UN		2.00	63.345	126.69
SURCHARGE ENERGETIQUE FRAIS_ENERGETIQUE			\$						3.95

Total Weight (Lbs) 2 434.52**Important**

This offer is based on availability and current pricing conditions that may be revised upon

révision of the order de l'évolution des prix de l'acier sur le marché.

Cette offre est soumise aux conditions de crédit approuvées du crédit.

Approved and Accepted by :

Date :

Sub-total

5 548.99

TVH-13 · · 721.37

Total (\$CAD)**6 270.36**

2011/2016

7001

Printable Test Report

Arceormetall Dofasco C.P.

P.O. Box 2560

Hamilton, Ontario

L8N 3J5

Purchase Order/Bon de Commande

G 46224 - NGV

Bill of Lading/Connaissance

435723

TEST REPORT

RAPPORT D'ESSAI

Page 1 of 1

Customer/Client

612995

Packing Slip/Bordereau de Charge

PCS 304412001

Attention: [NAME]

Fax: [FAX]

Date: 11/16/2016

Vendor/Vendeur

Vehicle or Carrier/Vehicule ou Transporteur

Spec/Norm et Spec

ISO 640.21 444/50M FOR CONV TO PLATE (01/11)

STANDARD THICKNESS TOLERANCE

TEST REPORTS REQUIRED

Material Description/Description du Material

PLATE IN COIL FOR CONVERSION

STRUCTURAL STEEL

COILS

MILL EDGE

PLAIN DRY

.4870 MIN .5010 X 48 X COIL

WEIGHT: 44870 LBS

Country of Origin/Pays d'origine

CANADA

Test Methods/Methods d'Essai

ASTM A370, E1819, E415

PLAT	COULEE	C	Mn	P	S	Si	Cu	Ni	Cr	Sn	Mo	Als	Alt	Co	V	Ti	Ca	N	B	O
268443	.05	.61	.088	.003	.23	.04	.01	.03	.002	.004	.034	.037	.045	.002	.003	.0001	.0058	.0002		

MECHANICAL PROPERTIES/PROPRIETES MECANIQUES

TEST UNITS KSI

SERIAL NUMBER

LIFT #

DIR YIELD STRENGTH

RESISTANCE A LA TENSION

D'ELASTICITE

TRACTION

72

3597840

T 61

29 (*)

Method of elongation calculation: at fracture. / Mode de calcul de l'allongement: au point de fracture.

Accelermittel Defasco G.P. as per Lesley Taggart - COTL Supervisor
The Results Relate Only To The Items Tested
This Report Shall Not Be Reproduced Except In Full Without The Expressed Written Approval of The COTL Supervisor.

This Contract Is Subject To The Terms And Conditions Of Sale Shown On The Order Acknowledgement.
Ce Contrat est Sujet aux Termes et Conditions de Vente Indiqués Sur l'Accuse de Reception de Comande.

#5763

RSS-38-12

48194

P06840



CHANDAN STEEL LIMITED

(GOVT. OF INDIA RECOGNISED EXPORT HOUSE)

ISO 9001:2008 CERTIFICATE No. 01 200 021022

ADDITIONAL OFFICE: 104, SECTOR 14, INDUSTRIAL AREA, MIDC, PUNE-411 004, INDIA

Tel: 91-20-6620000, Fax: 91-20-6620000/04

Website: www.chandansteel.com

Email: info@chandansteel.com

L/c No:

L/c Date:

WORKS: Plot No. 31, G. I. D. C., Umbergaon

Dist. Vadod, Gujarat - 390 171.

Tel: 91-026-268 9999 Fax: 91-260 268 9972

E-mail: export@chandansteel.com

FORM QC 09A / 02 / 10.12.2012

MILL TEST / INSPECTION CERTIFICATE 3.1

ACCORDING TO EN 10204 : 2005

PRODUCT DESCRIPTION STAINLESS STEEL ROUND BARS				Test Certificate No. : ECP/00337 - 13/2016-2017 Date of Issue : 08.07.2016 P. O. No. : P004712 SC No. & Date : 15-16/00924, Dt. 13.04.2016 Invoice No. & Date : ECP/00337/2016-17 Dt.08.07.2016							
				LENGTH Ordered : 12' - 126" Actual : 12' - 126" Net Wt. : 6458 LBS.							
Heat No.	Grade AISI/DIN 304/304L 1.4301/1.4307 UNS30400/30403	Size mm/inches 3/8"	Tolerance 19	Process Route Electric Melting, A.O.D. Refining, Continuous Casting							
CHEMICAL COMPOSITION (Weight %)											
	C	Si	Mn	P	S	Cr	Mo	Ni	Cu	Co	N
Min.	-	-	-	-	-	18.00	-	8.00	-	-	-
Max.	0.080	1.00	2.00	0.045	0.030	20.00	1.00	10.50	1.00	-	0.1000
Results	0.019	0.42	1.71	0.040	0.020	18.21	0.32	8.05	0.41	0.10	0.0690
MECHANICAL PROPERTIES											
Specified Values	Test Method :- EN ISO 6892-1					Hardness EN ISO 6506-1 (BHN)	Test Method :- Charpy 'V' Notch Impact Tested (Joules) as per DIN EN ISO 148 - 1 Sample Size - Test Temp. :- 20 °C (Joules)				
	Proof Strength N/mm ² /MPa		Tensile Strength N/mm ² /MPa (Rm)	Elongation after Fracture A %	Reduction of Area %						
	0.2% (Rp0.2)	1% (Rp1.0)									
Results	514	560	712	47	65	215-218	I	II	III	Avg.	
Remarks: 1. Cold drawn & Centrelless Ground. 2. Solution annealed at 1050 °C. 3. PMI test done 100% & found Satisfactory. 4. Material is free from radio-active contamination. 5. Material is free from mercury contamination. 6. Inter-Granular Corrosion Test as per ASTM A262 - 15 (Pr.B) satisfactory. 7. No welding or weld repairs were performed on this material while in our possession. 8. Micro structure reveals- equiaxed grains of Austenite & free from carbide Precipitation. 9. Grain size - No. 7-8 of ASTM as per E112-96. 10. The material Conforms to ASTM A276-15, ASTM A182/ A182M-15, ASME SA 182/SA 182M-15, ASTM A479/ A479M-15 ASME SA479/SA-479M-15, ASTM A193/ A193M-15 B8 - CL1, ASME SA193/SA193M-15 B8 - CL1, ASTM A320/ A320M-11 B8 CL1, ASME SA320/SA 320M-10 B8 CL1, AMS-QQ-5-763E COND A, AMS - 5639H, AMS - 5647H, EN 10088-3 : 2014 & DIN EN 10272-2008 Specification. 11. Location of sample - Centre, Direction - Longitudinal, Test Temp - Room Temp., Shape of Test Piece - Round. 12. Marking details - Company Logo, Size, Grade & Heat No. 13. The material is manufactured /melt in Chandan Steel Mill and is of Indian Origin. BUNDLE NO.: 47 to 51 COLOUR : RED											

It is hereby certified that the above results are true and correct in every detail and are meeting the requirements of specification & purchase order.

B. S. RAUTELA
MANAGER - QUALITY ASSURANCE





North American Stainless Canada Inc.
740 Imperial Road North
Guelph, ON N1K1Z3
Canada

METALLURGICAL TEST REPORT

6870 Highway 42 East
Ghent, KY 4045-9615
(502) 347-6000

198768

Certificate: 280714 2

Customer: 007060 500

Date: 4/06/2017 Page: 1

Steel: 304/304L

Finish: 2B

Corrosion: ASTM A262/15; 180Bend-OK

Your Order: C107971

NAS Order: PN 007268 09

PRODUCT DESCRIPTION:

STAINLESS STEEL SHEET, C.R. ANNEALED & PICKLED; UNS 30400/30403
ASTM A240/15D, A480/15, A666/15; ASME SA240/15, SA480/15, SA666/15
CHEM ONLY ON FOLLOWING ASTM: A276/16, A479/16, A484/15, A312/16
CHEM ONLY ON FOLLOWING ASME: SA312/13, SA479/13
AMS 5511H/5513J XMRK; MIL-5059D AMD3(X CRN REAS); MIL-4043B
NACE MR0175/ISO 15156-3:2009 A, MR0103/07:Q05766D-A X MAG PERM
MIN. SOLUTION ANNEAL TEMP 1900F, WATER QUENCHED

REMARKS:

Mat'l is Free of Mercury Contamination. No weld repairs.
EN 10204:2004 3.1; ROHS 1 & 2 Compliant
Material is Free of Radioactive Contamination
Steel Making Process: EAF, AOD, & Cont. Casting
Product Mfg. by a Quality Mgt. Sys. in Conf. w/ISO 9001
*Melted & Manufactured in the USA; Mat'l is DEFARS Compliant

Product Id	Coil #	Skid #	Thickness	Width	Weight	Length	Mark	Pieces	Commodity Code
E11882	05313L E		.1050	48.0000	3,645 SHEETS	096.00	15	27	

CHEMICAL ANALYSIS CK(Country of Melt) ES(Spain) US(United States) ZA(South Africa) JP(Japan) Lab Accreditation Bureau, ISO/IEC 17025, Certificate# L2323
Chemical Analysis per ASTM A751/14a

HEAT	CM	C %	CR %	CU %	MN %	MO %	N %	NI %	P %	S %
313L	US	.0236	18.1365	.4595	1.8040	.3035	.0555	8.0365	.0290	.0010
SI %										
.2165										

MECHANICAL PROPERTIES

Product Id#	Coil #	i o c f	UTS KSI	20C KSI	20C .2% YS KSI	ELONG % 2"	Hard RB	Tail Hard
E11882	05313L	P T	93.29	47.13	48.39	83.50	81.50	

NAS hereby certifies that the analysis on this certification is correct. Based upon the results and the accuracy of the test methods used, the material meets the specifications stated. These results relate only to the items tested and this report cannot be reproduced, except in its entirety, without the written approval of NAS.

Technical
Dept. Mgr.

KRIS LARK

4/06/2017

NOTICE OF SHIPMENT /
PACKING LIST

CUST. ORD. NO. & DATE

P206081 FORMS DISTRIBUTION

10-1-1 1 10-1-1 10-1-1 10-1-1

109/15/16 329587

99108-2 26

PRIME SEC.

DSO DSO

30

VANDERGRIFT, PA 522741

GOVT CONTRACT

7219.90.0000

SHIP TO

AMERINOX

BLDG 90 HARRIS TERMINAL

2201 MT. EPHERAIM AVENUE

CAMDEN NJ 08104

SHIPPER NO

13020102060000

30-096-243

DATE SHIPPED

12/13/16

PRODUCT CODE

1121

VANDERGRIFT

PA

657047

DATE SHIPPED

12/13/16

INVOICE

657047

DATE SHIPPED

12/13/16

INVOICE

657047



ATI Flat Rolled Products

FINISHING LOCATION

VANDERGRIFT, PA

522741

GOVT CONTRACT

7219.90.0000

SHIPPER NO

13020102060000

30-096-243

DATE SHIPPED

12/13/16

PRODUCT CODE

1121

VANDERGRIFT

PA

657047

DATE SHIPPED

12/13/16

INVOICE

657047

DATE SHIPPED

12/13/16

INVOICE

657047

GRADE AND SPECIFICATIONS

"ATI 304" STAINLESS STEEL SHEET C R COILS ANNEALED 2B FIN 3 EDGE (AMS 5513J) (ASTM-A-262-14 PRACTICE E) (ASME-SA-240 ED 2015) (EN 10028-7:2007-1.4301-2B) (ASTM-A-240-16) (UNS S30400)

CARRIER - M & A TRANSPORT

AMERINOX

ITEM PCS DIMENSIONS W/G/L HEAT # COIL # TEST # GROSS TARE NET THEO TAG #/ CD SKID

001 1 48./059/2029.

→ C CUST IDENTITY 3042B16GX48XC

1 SKID

469113

19345

50

19295

19345

50

19295

ORDER REMARKS: EXW - EXCEPT VAT AND OTHER APPLICABLE LOCAL TAXES WHICH ARE THE RESPONSIBILITY OF THE BUYER
DIST: PLEASE MAIL ACKNOWLEDGMENTS TO DIVERSIFIED ULBRICH 98 NORFINCH DRIVE DOWNSVIEW, ONTARIO
CANADA M3N1X1 ATTN: ANNE DIRKSEN-CAIROLI

TYPE HEAT/TEST (WT %)

HEAT 849874

TEST LOCATION

YIELD TENSILE % ELONG

PSI * PSI IN 2" % R/A HARDNESS BEND A 262 PR E SIZE

BN .06 --C--- --MN--- --P--- --S--- --SI--- --CR--- --NI--- --MO--- --CU--- --N---

BN .96 .035 .0003 .45 18.24 8.11 .48 .43 .06

BN BN BN BN BN BN BN BN BN BN

CORROSION ASTM GRAIN

HARDENABILITY

NR

NR

NR

NR

TC TC TC TC TC TC TC TC TC TC

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The above is a true copy of data on file. The material and test results conform to the sales contract and specification(s) as set forth in ATI Flat Rolled Products' Order Acknowledgement.

Stephen Wolf - Director, Corporate Quality Assurance

12/13/16 08:21:39

PAGE 01 - CONTINUED ON PAGE 02

NOTICE OF SHIPMENT /
PACKING LIST



CERTIFICATE OF TEST

CUST. ORD. NO. & DATE	109/15/16	CUST. CODE	329587	FINISHING LOCATION	VANDERGRIFT, PA	SHIPPER NO.	522741	GOVT CONTRACT	7219.90.0000	PRIME SEC.	DSO DSO	30	SOLD TO	DIVERSIFIED ULBRICH STAINLESS	DIV OF ULBRICH OF CANADA INC	20 HYMUS BOULEVARD	POINTE CLAIRE, QC H9R 1C9	CANADA H9R 1C3
P206081																		
FORMS DISTRIBUTION																		
SOLD TO	1	SHIP	10	SPEC														

PRODUCT CODE	13020102060000	SHIP ORDER NUMBER	30-096-243	DATE SHIPPED	12/13/16
MATL	1121	VANDERGRIFT	PA	INVOICE	657047
SHIP TO					
AMERINOX					
BLDG 90 HARRIS TERMINAL					
2201 MT. EPPERAIM AVENUE					
CAMDEN NJ 08104					
CARRIER - M & A TRANSPORT					
"ATI 304" STAINLESS STEEL SHEET C R COILS ANNEALED 2B FIN 3 EDGE					
GRADE					
# ELONG AT FRACTURE					

NR = DATA NOT REQUIRED
GRADE VERIFICATION WAS CARRIED OUT SPECTROSCOPICALLY

EN 10204:2005 - 3.1 CERTIFICATE DOES NOT INDICATE PED APPROVAL FOR THIS MATERIAL.

THESE COMMODITIES OR TECHNOLOGY, WHEN EXPORTED FROM THE UNITED STATES, ARE IN ACCORDANCE WITH THE USA EXPORT ADMINISTRATION REGULATIONS. DIVERSION CONTRARY TO U.S. LAW IS PROHIBITED. U.S. LAW ALSO PROHIBITS DISPOSITION OF THESE COMMODITIES/TECHNICAL DATA TO ANY END-USER OR FOR ANY END-USE RELATED TO THE DESIGN, DEVELOPMENT, PRODUCTION, STOCKPILING, OR USE OF CHEMICAL, BIOLOGICAL, OR NUCLEAR WEAPONS, OR MISSILES, WITHOUT THE PROPER APPROVAL OF THE UNITED STATES GOVERNMENT.

THIS CERTIFIED MATERIAL TEST REPORT SHALL NOT BE REPRODUCED EXCEPT IN FULL. FEDERAL LAW PROHIBITS THE RECORDING OF FALSE, FICTITIOUS, OR FRAUDULENT STATEMENTS OR ENTRIES ON THE CERTIFICATE AND MAY BE PUNISHABLE AS A FELONY UNDER FEDERAL LAW. ATI FRP HOLDS SEVERAL QUALITY CERTIFICATIONS THAT INCLUDE ISO-9001, AS9100, NADCAP, AND ISO/IEC 17025. MATERIAL WAS MANUFACTURED IN ACCORDANCE WITH THE ATI FRP QUALITY MANUAL REVISION 24 DATED 10/16/2015.

CONSIGNEE - Please Note-This consignment was turned over to carrier in first class condition, being correctly packed, and with our responsibility for loss or damage is hereby released. For your protection please examine the material as it arrives. If any shortage or damage is noted, please have a full description made by transportation agent on waybill before signing.

WARNING
Safety Data Sheets for this product are available on our website, www.ATIFlatRoll.com. A thorough review of the Safety Data Sheet for the grade of material purchased shall be performed prior to working with this product and all safety & health considerations outlined must be implemented.

The above is a true copy of data on file. The material and test results conform to the sales contract and specification(s) as set forth in ATI Flat Rolled Products' Order Acknowledgement.

Stephen Wolf -
Director, Corporate Quality Assurance

CERTIFICATE OF TEST



Flat Rolled Products

P206081
FORMS DISTRIBUTION

SOLD TO →	1	STMP TO →	SPEED ↑
-----------	---	-----------	---------

CUST CODE	FINISHING LOCATION	SHIPPER NO.	PRODUCT CODE	MILL ORDER NUMBER	DATE SHIPPED
329587	VANDERGRIFT, PA	522741	13020102060000	30-096-243	12/13/16
		GOVT CONTRACT	MAIL	SHIPPING LOCATION	INVOICE
		DO PHIL REPEAT RATE ORTH ORDER 00108-2	1121	VANDERGRIFT	PA 657047

SOLD TO

DIVERSIFIED ULBRICH STAINLESS
DIV OF ULBRICH OF CANADA INC
20 HYMUS BOULEVARD
POINTE CLAIRE, QC H9R 1C9
CANADA H9R 1C3

AMERINOX
BLDG 901
2201 MT.
CAMDEN

GRADE 304L STEEL SHEET C R COILS ANNEALED 2B FIN 3 EDGE CARRIER - M & A TRANSPORT

ATI FLAT ROLLED PRODUCTS PERFORMS CHEMICAL ANALYSIS BY THE FOLLOWING TECHNIQUES
FOR TESTING LOCATIONS TC, BN, MI, & LO:
C, S BY COMBUSTION/INFRARED
N, O, H BY INERT FUSION/THERMAL CONDUCTIVITY
MN, P, SI, CR, NI, MO, CU, CB, CO, V BY WDXRF
B BY OES
AL AND TI (>=0.10%) BY WDXRF, OTHERWISE BY OES
PB, BI, AG BY GFAA

ATI FLAT ROLLED PRODUCTS HAS NO CONTROL OVER CUSTOMER PROCESSING OF MATERIAL; INCLUDING, BUT NOT LIMITED TO, BUFFING OR ELECTROPOLISHING MATERIAL WITH A 2B OR OTHER FINISH, AND DOES NOT REPRESENT OR GUARANTY THAT THE MATERIAL IS SUITABLE FOR ANY PARTICULAR PROCESS OR USE OF CUSTOMER.

EN 10204:2005 3.1 CERTIFICATE.

TESTING WAS REPERFORMED AT THE FOLLOWING LOCATIONS:

TESTING WAS PERFORMED AT THE FOLLOWING LOCATIONS:
BN = ATI-FLAT ROLLED PRODUCTS; 100 RIVER ROAD; BRACKENRIDGE, PA 15014
TC = ATI-FLAT ROLLED PRODUCTS; 1300 PACIFIC AVENUE; NATRONA HEIGHTS, PA 15065

<<<<<<<<
FOR ACCESS TO ONLINE CERTIFICATES OF TEST
REGISTER AT MYATI.ATIMETALS.COM
>>>>>>>>

PAGE 03 - FINAL PAGE.

12/13/16 08:21:39

CONSIGNEE. Please Note—This consignment was turned over to carrier in first class condition, being correctly boxed, at which time our responsibility for loss or damage shipment ceased. For your protection please examine shipment as it arrives. If any shortage or damage is discovered, have a full description made by transcription agent on waybill before signing.

WARNING

Safety Data Sheets for this product are available on our website, www.ATmetals.com. A thorough review of the Safety Data Sheet for the grade of material purchased shall be performed prior to working with this product and all safety & health considerations outlined must be implemented.

The above is a true copy of data on file. The material and test results conform to the sales contract and specification(s) as set forth in ATI Elast Roll Products' Order Acknowledgement.

Stephen Wall -
Director, Commercial Quality Assurance

#3417

P204294

产品质量证明书

INSPECTION CERTIFICATE

品名: 不锈钢冷轧钢板和钢带
No. Cold rolled stainless steel plate,
sheet and strip

钢种:
Type

标准:
Specification

304

ASTM A240

客户名称:
Customer

合同号:
Contract No.

证明书号:
Certificate No.

宝裕

201409022820



江苏雨金金属科技有限公司

JIANGSU YONGJIN METAL TECHNOLOGY CO., LTD

地址: 江苏省南通高新技术产业开发区锦程大道 999 号
Add: No.999 Pengcheng Road High-tech Industrial Development

Zone, Nantong, Jiangsu, China

Tel: 0513-80608156

Fax: 0513-80608199

邮编: 226300

P.C: 226300

序号 No.	表面 Surface	钢卷编号 Coil No.	规格 Size (mm)	重量 Weight (Kg)	等级 Grade	拉伸试验 Tensile			交货状态 State
						抗拉强度 T.S(N/mm ²)	屈服强度 Y.S(N/mm ²)	伸长率 Elong (%)	
1	2B	YJJ14207755B1	1.95*1250	5287	—	515 以上	205 以上	40 以上	201 以下
2	2B	YJJ14207755B2	1.95*1250	5300	—	652	316	58	177/175/180
3	2B	YJJ14208810A	1.17*1219	6878	—	652	316	58	177/175/180
4	2B	YJJ14208810C	1.17*1219	6705	—	627	271	59	170/173/174
5	2B AS	YJJ14208811A	1.43*1219	6850 ✓	—	627	271	59	170/173/174
6	2B 5	YJJ14208812B	1.45*1219	6852 ✓	—	640	283	58	171/174/176
合计	9-89			37872		648	282	57	175/175/176

序号 No.	化学成分 Chemical composition %											
	C	Si	Mn	P	S	Cr	Ni	N	Mo	Ti	Cu	
MIN.	0.00	0.00	0.00	0.00	0.00	18.00	8.00	0.00	/	/	/	
MAX.	0.08	0.75	2.00	0.045	0.03	20.00	10.50	0.10	/	/	/	
1	0.045	0.34	1.14	0.040	0.005	18.27	8.02	0.052	0.03	/	0.16	
2	0.045	0.34	1.14	0.040	0.005	18.27	8.02	0.052	0.03	/	0.16	
3	0.044	0.39	1.04	0.034	0.002	18.11	8.09	0.052	0.09	/	0.35	
4	0.044	0.39	1.04	0.034	0.002	18.11	8.09	0.052	0.09	/	0.35	
5	0.041	0.42	1.09	0.037	0.003	18.21	8.08	0.054	0.07	/	0.25	
6	0.039	0.41	1.08	0.030	0.005	18.32	8.09	0.055	0.03	/	0.13	

*拉伸试验: 沿用 GB/T 228-2002 标准 *Tensile Test: use Standard GB/T 228-2002
*硬度试验: 沿用 GB/T4340.1-2009 标准 *Hardness Test: use Standard GB/T4340.1-2009



2430



Service Center Metals

5850 Quality Way
Prince George, VA 23875

Can Do.



CERTIFIED INSPECTION REPORT AND TEST RESULTS FOR EXTRUDED PRODUCTS

OUR ORDER NUMBER	ITEM
278833	1

BILL TO	MANIFEST NUMBER	DIE NUMBER	DATE OF SHIPMENT	CERTIFICATION
Samuel & Fils & Cie Ltee	314705	MRB0657	11/22/2016	ASTM-B221-14 No Stencil
SHIP TO	CUSTOMER PO	ALLOY/TEMPER	SALES PERSON	SPECIFICATION
Metaux Specialises Samuel	C73639	6061-T6511	D. Schroeder (Canada)	AMS-QQA-200/8 Rev-A
Quantity Certified	1,710 lbs	32 pcs	DESCRIPTION	
			SCRB 1.500x2.500	

We hereby certify that the material covered by this report has been inspected in accordance with the most recent certification revision, and has been found to meet the applicable requirements described herein, including any specifications forming a part of the description, and that samples representative of the material met the composition limits and had the mechanical properties shown. This product is RoHS-2, REACH, and DFARS compliant.

Mechanical Properties

Tests	Lot No.	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation
			min	min	min
			max	max	max
5	201619859	11/15/16	46.90	43.20	15.60
3	201620153	11/18/16	50.50	46.10	15.90
				50.30	16.30

5 201619859
3 201620153 R181013-014

Chemical Composition for Aluminum Alloy 6061

Cast #	Lot No.	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti	AL	Others		Melt Source:
												Each	Total	
11091602	201620153	6061	0.74	0.35	0.32	0.09	0.91	0.09	0.06	0.02	97.42	0.05	0.15	United States of America
1K161101B	201620153	6061	0.76	0.38	0.34	0.10	0.88	0.10	0.03	0.03	97.38	0.05	0.15	United States of America

SCM products are melted and extruded in the USA

Calvin J. Wiggins

Calvin J. Wiggins, Director of Quality & Technical Services

Print Date: 11/22/2016

Rev 5/8/16

#2535

FAL-16-12

TCA 1306

48115

MILL TEST

SHIP TO		ACIER OUELLETTE		CERT CODE:	DIE NUMBER	DATE OF SHIPMENT	EXTRUDEX ORDER NO.	MANIFEST NO.
SO DESCRIPTION		1" X 6" FLAT BAR		CUSTOMER PO	4658	JUN/08/2017	206192 - 1	372109
				105367 /OU-47826	ALLOY	SALESMAN	MADE IN CANADA	
				DT04658	6061	HOUSE ACCOUNTS		
					TEMPER			
					T6			
					PART DESCRIPTION			
					1" X 6" FLAT BAR			
							CERTIFICATION	
							MILL TEST ASTM B221-14	

Mechanical Properties

Lot	Alloy	Test Date	Ultimate Tensile Strength (KSI)	Yield Strength (KSI)	Percent Elongation	Hardness Rockwell E	Conductivity
A.11	6061	May/26/2017	44.50	40.70	15.80	91.1,91.2,91.3	

Chemical Composition

Cast Number	Lot	Alloy	Si	Fe	Cu	Mn	Mg	Cr	Ni	Zn	Ti	Ca	V	B	Zr	Bi	Pb	Sn	Sr	Co	Al	Other
36576	A.11	6061	0.563	0.21	0.202	0.0572	0.866	0.0505	0	0.0161	0.023	0	0	0	0	0	0	0	0	0	0	0

DAS
5
9-89

We certify that the following extrusions have been quality inspected/tested and conforms to required dimensional and temper specifications.

T. Mohabir

Tulsiram Mohabir
Quality Control Manager

3179

CERTIFIED INSPECTION REPORT

Alcoa Inc.

DAVENPORT WORKS 4879 State Street Bettendorf, IA 52722

Ship From: RIVERDALE, IA.

3055125
 Ship Date
 2016-10-25
 B.L. No. 11066569
 Invoice No. 00000
 Alcoa No. Item
 1000853903-3
 P.O. No./Govt Contract No. Customer
 C73254 Lnh: 3 Alcoa Item

We hereby certify that the material covered by this certificate has been inspected with, and has been found to meet the applicable requirements described therein, including any special conditions forming a part of the description and that samples representative of the material met the composition limits and had the mechanical properties shown on the face of this sheet.

This test report shall not be reproduced except in full, without the written approval of the Quality Department. No alteration, addition or other change is authorized to be made to this certificate. The recording of false, fictitious, or otherwise fraudulent statements or entries on this certificate by any recipient may be punished as a felony under applicable law.

Rob Woodall
 Director of Manufacturing Davenport Works
 Terrence Thom
 Quality Assurance Manager

Page 1 of 2

Ship To:

Item Description
 0.08 IN TK (48.0000 - .0045) X 48.0 IN W (+.125 - .125) X 144.0 IN LN (+.15625 - .15625) CAT D 126901 (N) A/T 6061-T6 FLAT SHEET FOR DISTRIBUTORS TOLERANCE
 GUARANTEED / AMS4027 REV N ANS1H35.2 REV 2013 EXC_MRK ASME-S5-209 REV 15 EXC_MRK ASTM B209 REV 14
 ((MARKED)) KRAFT PAPER INTERLEAVED
 MAX GROSS SKID WGT: 4750 LB QUAN TOL +/-
 10 % COR D126901 REV 46 CUST REQ 16-11-02 *** W/E 16-11-05 ***

DAS Num Package Ticket Lot 275871 358973 Weight 3837 Quantity 75 UOM PC Inspector Clock Numbers 27709 47476

Notes for CQR: D126901.46

PRODUCT PRODUCED TO THE REQUIREMENTS OF AMS4027 REV N ALSO MEET THE REQUIREMENTS OF AMS-QQ-A-250 11 ORIGINAL REVISIO N DATED 1997-08-01.

CQR: D126901.46 -Specification Limits

Temp Dir Long Transv. Min 42.0 35.0 10
 UTS TYS EL4D
 KSI KSI PCT

Chemical Composition
 Alloy 6061
 Lot: 358973
 Temp Dir Long Transv. 10 50.4 44.2 12.2
 Test Test KSI KSI PCT
 No--> UTS TYS EL4D
 SI FE CU MN MG CR ZN TI Each Total Aluminum
 Max 0.8 0.7 0.40 0.15 1.2 0.35 0.25 0.15 0.05 0.15
 Min 0.40 0.15 0.8 0.04
 - Mechanical, Physical, Metallography, Quantometer Results
 REMAIN

CERTIFIED INSPECTION REPORT

Argonic

DAVENPORT WORKS 4879 State Street Bettendorf, IA 52722

Ship From: RIVERDALE, IA.

3128552

Ship Date

2017-02-04

P.O. No./Govt Contract No.

C73854 LNH: 1

Invoice No.

1000887223-1

Customer

Argonic Item

We hereby certify that the material covered by this certificate has been inspected with, and has been found to meet the applicable requirements contained herein, including any specifications forming a part of the description and that samples representative of the material met the chemical and mechanical properties shown on the face of this sheet.

This test report shall not be reproduced except in full, without the written approval of the Quality Department. No alteration, addition or other change is authorized to be made to this certificate. This certificate is issued for the purpose of certifying the material and is not to be used as evidence of compliance with any other requirements or standards or to be used as a basis for any other action.

Red Hinkel

Ros Wadsworth
Director of Manufacturing, Davenport Works

[Signature]
James M. Thompson
Quality Assurance Manager

Page 2 of 2

Lot: 358971 - Mechanical, Physical, Metallurgy, Quantometer Results (cont.) -----

49.8	43.3	12.9
50.2	43.9	12.4
49.8	43.4	12.4
49.8	43	13.1
49.7	43.1	12.6
49.9	43.2	13.4
49.9	43.2	13.2
49.8	43	13
49.8	43	12.9

Cast Number H2743035 Chemical - OES SI FE CU MN MG CR ZN TI Other Each Other Total
Actuals 0.65 0.5 0.22 0.06 0.9 0.16 0.02 0.02 < 0.05 < 0.15

This material was melted in the United States or a Qualifying Country [REF DPAAS 225.872.1(a)]; it was manufactured in the United States

CERTIFIED INSPECTION REPORT

We hereby certify that the material covered by this certificate has been inspected and has been found to meet the applicable requirements described therein, including any special conditions forming a part of the inspection and that samples representative of the material met the composition limits and had the mechanical properties of the material as stated. This test report shall not be reproduced except in full, without the written approval of the Quality Department. No alteration, addition or other change is authorized to be made to this certificate. The rendering of false, fictitious, or otherwise fraudulent statements or entries on this certificate by any individual may be punished as a felony under applicable law.

Rob Woodard

Rob Woodard

Director of Manufacturing Davenport Works

Tennace Thom

Tennace Thom

Quality Assurance Manager

ARCONIC

DAVENPORT WORKS 4879 State Street Bettendorf, IA 52722

Ship From: RIVERDALE, IA.

3128552 Ship Date 2017-02-04 B.L. No. 1202325 Invoice No. 00000 Arconic No. 1000887223-1 DP-87223-1
P.O. No./Govt Contract No. C73854 Lnh: 1 Customer Arconic Item

Page 1 of 2

Ship To:

Item Description
0.08" IN SK (+0.0000 -0.0015) X 48.0" IN W (+.125 - .125) X 144.0" IN LN (+.15625 - .15625) CAT D 126901 (N) A/T 6061-T6/PLAT SHEET FOR DISTRIBUTORS TOLERANCE
GUARANTEED. AMS4027 REV N ANS135.2 REV 2013 EXC_MRK ASM8-SB-209 REV 15 EXC_MRK 45136203 REV 14 ((MARKED)) KRAFT PAPER INTERLEAVED
MAX GROSS SKID WGT: 4750 LB QUAN TOL +/- 10 * CQR D126901 REV 46 CUST REQ 17-01-30 *** W/E 17-03-11 ***

Num	Package	Ticket	Lot	Weight	Quantity	UOM	Inspector	Clock Numbers
1	274737		358971	3855	75	PC	27843	47275

Notes for CQR: D126901.46

PRODUCT PRODUCED TO THE REQUIREMENTS OF AMS4027 REV N ALSO MEET THE REQUIREMENTS OF AMS-QQ-A-250_11 ORIGINAL REVISIO N DATED 1997-08-01.

CQR: D126901.46 -Specification Limits

Temp	Dir	Long Transv.	Max	Min
T6			42.0	35.0
				10

UTS TYS EL4D
KSI KSI PCT

Chemical Composition

Alloy	6061	Lot: 358971	Max	Min	SI	FE	CU	MN	MG	CR	ZN	TI	Each	Total	Aluminum
					0.8	0.7	0.40	0.15	1.2	0.35	0.25	0.15	0.05	0.15	
					0.40	0.15	0.15	0.8	0.04						

REMAIN

Quantometer Results

Temp	Dir	Long Transv.	Test	10	UTS	TYS	EL4D	KSI	KSI	PCT	PCT
T6					49.8	43.2	12.5				

#5126

RAL-12-20

TRA 1405
48386

Test de dureté Rockwell Rockwell Hardness Test

Client / Customer : LES ACIERS TRANSBEC (1997) LTEE.

Adresse / Address : 4054 BOUL. LE CORBUSIER # 201
LAVAL, QC
H7L5R2

commande Sapa / Sapa order # : 7020941

bon de commande / Purchase order # : OU-47416

de matrice / Die # : MS 9905

Description: 1/2"DIA. ROD*****

Alliage & trempage / Alloy & temper : 6061 T6 Longueur / Length : 6097 mm

Contrôle / Control # : 85610-2

Coulée / Cast # : 68724

Dureté Rockwell E /
Rockwell E hardness : 90 HREMin. requis /
Min. required : 88 HREMax. permis /
Max. permitted : 100 HRE

Composition chimique typique / Typical chemical composition :

	Si	Fe	Cu	Mn	Mg	Cr	Zn	Ti
6063	0.20 - 0.60	0.35 Max	0.10 Max	0.10 Max	0.45 - 0.90	0.10 Max	0.10 Max	0.10 Max
6005	0.60 - 0.90	0.35 Max	0.10 Max	0.10 Max	0.40 - 0.60	0.10 Max	0.10 Max	0.10 Max
6005A	0.66 - 0.74	0.14 - 0.28	0.08 - 0.16	0.18 - 0.26	0.46 - 0.54	0.03 Max	0.05 Max	0.05 Max
6061	0.40 - 0.80	0.70 Max	0.15 - 0.40	0.15 Max	0.80 - 1.20	0.04 - 0.35	0.25 Max	0.15 Max
6351	0.7 - 1.3	0.5 Max	0.10 Max	0.40 - 0.80	0.40 - 0.80	---	0.20 Max	0.20 Max

Nous certifions que le matériel fourni rencontre les exigences chimiques telles qu'annoncées par la norme ASTM B-221-14 excepté pour la section 8.2 (nombre de spécimen) .

We hereby certify that the material supplied meets the chemical properties as published by the ASTM B-221-14 except for section 8.2 (number of specimen) .

Sincèrement vôtre,
Yours truly,

date : 2017-03-30

Daniel Alfredo Pelletier
Directeur Qualité
Quality Director

20
17
03

DATE 1 CO. 41106

ACIER OUELLETTE DIV-VALLEYFIELD
PLAQUE ALUMINIUM 6061-T651
2.00" THICK X 4.5000" X 5.6250"
PART NO.

PO/Ref AC00607753
Nous certifions que le document reproduit ici est
une copie conforme du rapport fourni par le
fournisseur du matériel ou les données résultent

Certificate of Mill Test Results

BL VIM-S16222-001

20Jul17

Pg 1/2

de l'analyse faite par un laboratoire qualifié
SIGNE PAR:

MILL TEST REPORT

TA CHEN INTERNATIONAL, INC.

Customer: COPSTL PO#:VIM-636599 SO#:LPBY00
Item:2.0004R1446061T651 Bundle:17555 Heat#:T6061

This MTR contains 1 page (Page# 1)

MTR#:NWCL0664-5.GIF

NWCL0664-5



CERTIFIED TEST REPORT

PRIME ALUMINIUM ALLOY PLATE

DALIAN HUICHENG ALUMINIUM CO., LTD (DALCO)
NO.53 HEBIN NORTH ROAD D3TH HARBOR
INDUSTRIAL ZONE DALIAN, CHINA 116105

SERIAL NO.: 20180909T606117555

DATE: Sept 19th, 2018

(EN 10204:2004 3.1)

CUSTOMER	Ta Chen International, Inc. 250 Pohls Ave. Park 20 West, Saddle Brook, NJ 07663		
PRODUCT	ALLOY & TEMPER	LOT NO.	DIMENSION (INCHES)
PLATE	6061T651	16001	2" x 48.5" x 144.5"
CONTRACT NO.	PALLETS NO.	LOT NO.	NET WEIGHT (LBS/PIECES)
N09002	17655	T6001	2772/2
TECHNICAL STANDARD			SURFACE
ASME BH209-13 ASTM B209-14 AMS 4027N AMS-QQ-A-250/11			UNIFORM BRUSHED FINISH

Chemical Composition (WT%)							
ELEMENT	Si	Fe	Cu	Mn	Mg	Cr	Ni
SPECIFIED VALUE	0.40-0.5	≤0.7	0.15-0.40	≤0.15	0.8-1.2	0.04-0.35	
LOT NO. T6061	0.028	0.192	0.208	0.033	1.093	0.148	
ELEMENT	Zn	Ti	Zr				
SPECIFIED VALUE	≤0.25	≤0.16					
LOT NO. T6061	0.013	0.020			≤0.05	≤0.15	Rest
					≤0.01	≤0.15	Rest

Physical Test							
LOT NO.	UTS (KSI)	YTS (KSI)	ELONG (%)	ACTUAL GAUGE (INCHES)	HARDNESS	CONDUCT	BEND
SPECIFIED VALUE	Min	42.0	35.0	5	2000		
16701	Max	48.5	40.5	14.3	2015		

Dalian Huicheng Aluminium Co., Ltd. (DALCO) hereby certifies that each lot has been sampled, tested and inspected in accordance with applicable requirements described herein. MPTED AND MANUFACTURED IN CHINA. Material meets requirements of REACH Rev. 6-10-14 and RoHS 2 Rev. 2011/05/EU.

Sun Jing
Manager, Quality Assurance

For and on behalf of
Dalian Huicheng Aluminium Co., Ltd.
大连汇成铝业股份有限公司
Authorized Signature(s)

Should be stocked as M6061T65 2.000 X 4.500

ACIER OUELLETTE DIV. VALLEYFIELD
PLAQUE ALUMINIUM 6061-T651
2.00" THICK X 4.5000" X 5.6250"
PART NO.

PO/Ref AC00007753

Nous certifions que le document reproduit ici est
une copie conforme du rapport fourni par le
fournisseur du matériel ou les données résultant

Certificate of Mill Test Results

BL VIM-516222-001

20Jul17

Pg 2/2

de l'analyse faite par un laboratoire qualifié.
SIGNE PAR: *pm*

Form 101 REPT-1

TA CHEN INTERNATIONAL, INC.

Customer: COPSTL PO#:VIM-636599 SO#:LPBY00
Item:2.0004814460617651 Bundle:17858 Heat#:T6125

This MTR contains 1 page (Page # 1)

MTR#:NWCL0664-8.GIF

NWCL0664-8



DALIAN HUICHENG ALUMINIUM CO., LTD. (DALCO)
NO.53 HEBIN NORTH ROAD DBH HARBOR
INDUSTRIAL ZONE DALIAN, CHINA 116105

CERTIFIED TEST REPORT

PRIME ALUMINIUM ALLOY PLATE

(EN 10204:2004 3.1)

SERIAL NO.: 20160927T012517858

DATE: Sep 27th, 2016

CUSTOMER	Ta Chen International, Inc. 258 Pohls Ave. Park 80 West, Riddle Brook, NJ 07643		
PRODUCT	ALLOY & TEMPER	LOT NO.	
PLATE	6061T651	T6125	
CONTRACT NO.			DIMENSION(INCHES)
NO.402			2" x 48.6" x 144.0"
	PALLETS NO.		NET WEIGHT (LBS/PIECES)
	17858		
TECHNICAL STANDARD			LOT NO.
ASME SB208-13 ASTM B209-14 AMS 4027H AMS-QQ-A-290/11			T6125
			27742
			SURFACE
			UNIFORM BRUSHED FINISH

Chemical Composition(WT%)							
ELEMENT	Si	Fe	Cu	Mn	Mg	Cr	Ni
SPECIFIED VALUE	0.10 - 0.15	0.07	0.15 - 0.40	0.15	0.8 - 1.2	0.04 - 0.35	
LOT NO. T6125	0.028	0.002	0.206	0.033	1.006	0.148	
ELEMENT	Zn	Ti	Zr	Bech	Total	Al	
SPECIFIED VALUE	0.025	0.15					
LOT NO. T6125	0.013	0.029					
				0.005	0.015	Rest	
				0.005	0.015	Rest	

Physical Test							
LOT NO.	UTS(KSI)	YTS(KSI)	ELONG(%)	ACTUAL GAUGE(INCHES)	HARDNESS	CONDUCT	BEND
SPECIFIED VALUE	42.0	35.0	8	2.000			
LOT NO. T6125	45.4	40.6	13.5	2.013			
	45.7	41.2	13.4	2.016			

Dalian Huicheng Aluminum Co., Ltd. (DALCO) hereby certifies that each lot has been sampled, tested and inspected in accordance with applicable requirements described herein. MELTED AND MANUFACTURED IN CHINA. Material meets requirements of REACH Rev. 8-18-14 and RoHS 2 Rev. 2011/08/01.

Signature

Sun Jing
Manager, Quality Assurance

For and on behalf of
Dalian Huicheng Aluminum Co., Ltd.
大连汇恒铝业股份有限公司

Signature

Authorized Signatory

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M304R0.375
 DATE: JUL 26 2017

PO / BATCH NO.: PO37090 / M13869

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 24.8'
 QUANTITY INSPECTED: 24.8'
 QUANTITY REJECTED: 0

THICKNESS ORDERED: .375
 THICKNESS RECEIVED: .371
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<input checked="" type="checkbox"/> N	
CORRECT FINISH	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
CORROSION	Y	<input checked="" type="checkbox"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	ASTM A276
CORRECT THICKNESS	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
PHOTO REQUIRED	Y	<input checked="" type="checkbox"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	#1# CH-3840
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	M304R
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> Y	<input type="checkbox"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<input checked="" type="checkbox"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<input checked="" type="checkbox"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS</u> <u>5</u> DATE: <u>JUL 26 2017</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: AISI 304/316 SS ROUND BAR
(NOTE: AISI 303 NOT ACCEPTABLE)

SPECIFICATION: **ASTM A276**
PART NUMBER: **M304R0.750** 5 9-89

WHERE "D.DDD" = DIAMETER IN INCHES
EG. 0.75" ROUND BAR = M304R0.750

RELEASED
07/25/25

B	REFORMAT DWG. ADD SPECS (ZN D6-1).	CP	09.07.15
A	NEW ISSUE	AJS	08.03.03
REV.	DESCRIPTION	BY	DATE
DESIGN	AJS		
DRAWN	QA		
CHECKED	Y		
MFG. APPR.	AD		
APPROVED	AW		
DE APPR.	SA		
DATE	09.07.15		
DART AEROSPACE LTD		REV. B	
HAWKESBURY, ONTARIO, CANADA		SHEET 1 OF 1	
M304R		SCALE	
304/316 ROUND BAR		NTS	
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MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M3045126A
 DATE: JUL 26 2017

PO / BATCH NO.: 037090/M138109

MATERIAL CERT REC'D: YES
 QUANTITY RECEIVED: 3258ft
 QUANTITY INSPECTED: 3258ft
 QUANTITY REJECTED: 0

THICKNESS ORDERED: .100"
 THICKNESS RECEIVED: .120"
 SHEET SIZE ORDERED: 4x8
 SHEET SIZE RECEIVED: 4x8

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/> N	
CORRECT FINISH	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	
CORROSION	Y <input checked="" type="checkbox"/> N	
CORRECT GRAIN DIRECTION	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	ASTM A240
CORRECT THICKNESS	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	
PHOTO REQUIRED	Y <input checked="" type="checkbox"/> N	
CORRECT REF # TO LINK CERT	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	417313L
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	
CORRECT M# ON THE MATERIAL	<input checked="" type="checkbox"/> Y <input checked="" type="checkbox"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="checkbox"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="checkbox"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS 5</u> DATE: <u>9-8 JUL 26 2017</u>	SIGNED OFF BY: _____ DATE: _____	

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: AISI 304/316 SS SHEET
ANNEALED

SPECIFICATION:

MIL-S-5059
OR AMS 5513 (304)
OR AMS 5504 (316)
OR ASTM A240
OR ASME SA240

DAS
5
9-89

FINISH:

FINISH
UNPOLISHED No. 1
UNPOLISHED No. 2D
UNPOLISHED No. 2B
POLISHED No. 3
POLISHED No. 4
BUFFED No. 6
BUFFED No. 7
BUFFED No. 8

DART M. NUMBER
IDENTIFIER
1P
2D
NONE
3P
4P
6P
7P
8P

PART NUMBER:

M304S TT GA #P
GA

WHERE "TT" = GAUGE THICKNESS
WHERE "#P" = FINISH IDENTIFIER

EG. 16 GAUGE SS SHEET 2B FINISH = M304S16GA
EG. 16 GAUGE SS SHEET No. 4 POLISHED = M304S16GA4P

GAUGE THICKNESS REFERENCE:

GAUGE	NOM. THICK. (IN)	THICKNESS RANGE (IN)
26	0.01875	0.0178 - 0.019
25	0.021875	0.0199 - 0.023
24	0.025	0.024 - 0.026
23	0.028125	0.027 - 0.029
22	0.03125	0.030 - 0.032
21	0.034375	0.033 - 0.035
20	0.0375	0.036 - 0.040
19	0.04375	0.041 - 0.046
18	0.050	0.047 - 0.052
17	0.05625	0.053 - 0.058
16	0.0625	0.059 - 0.065
15	0.0703125	0.066 - 0.072
14	0.078125	0.073 - 0.083
13	0.09375	0.084 - 0.098
12	0.109375	0.099 - 0.114
11	0.125	0.115 - 0.130
10	0.140625	0.131 - 0.145
9	0.15625	0.146 - 0.160
8	0.171875	0.161 - 0.176
7	0.1875	0.182 - 0.194
6	0.2031	0.194 - 0.212
5	0.2188	0.201 - 0.228
4	0.2344	0.225 - 0.243
3	0.2500	0.238 - 0.262
2	0.2656	0.254 - 0.278
1	0.2813	0.269 - 0.293
0	0.3125	0.301 - 0.325

RELEASED

2015 FEB 04

ECN 15-122

D	ADDED GAUGES 0-7.	AJS	15.01.06
C	DEFINED FINISH OPTION (ZN CR) AND EXAMPLE OF MATERIAL PIN WITH FINISH OTHER THAN 2B (ZN B5).	MB	12.09.20
B	REFORMAT DWG. ADD ASTM/ASME SPECS (ZN D8-1), ADD GAUGE REF. (CR-1), REF PAR 06-020A	CP	09.06.01
A	NEW ISSUE	DS	01.09.24
REV.	DESCRIPTION	BY	DATE
DESIGN	DS		
DRAWN	AJS		
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	15.01.06		

DART AEROSPACE LTD	
HAWKESBURY, ONTARIO, CANADA	
REV. D	DRAWING NO.
SHEET 1 OF 1	M304S
SCALE	TITLE
NTS	304/316 SS SHEET

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MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M304S1694
 DATE: JUL 26 2017

PO / BATCH NO.: P037090/M13809

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 6459ft
 QUANTITY INSPECTED: 6459ft
 QUANTITY REJECTED: 0

THICKNESS ORDERED: .063
 THICKNESS RECEIVED: .063
 SHEET SIZE ORDERED: 4x8
 SHEET SIZE RECEIVED: 4x8

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT FINISH	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORROSION	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT GRAIN DIRECTION	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT MATERIAL PER M-DRAWING	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	Astm A240
CORRECT THICKNESS	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
PHOTO REQUIRED	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT REF # TO LINK CERT	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	4+ # Y351408812B
CORRECT MATERIAL IDENTIFICATION	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	304S
CORRECT M# ON THE MATERIAL	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: <u>5</u> <u>9-89</u>	SIGNED OFF BY: _____		
DATE: <u>JUL 26 2017</u>	DATE: _____		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: AISI 304/316 SS SHEET
ANNEALED

SPECIFICATION:

MIL-S-5059
OR AMS 5513 (304) **DAS**
OR AMS 5524 (316)
OR ASTM A240
OR ASME SA240

FINISH:

FINISH
UNPOLISHED No. 1
UNPOLISHED No. 2D
UNPOLISHED No. 2B
POLISHED No. 3
POLISHED No. 4
BUFFED No. 6
BUFFED No. 7
BUFFED No. 8

DART M NUMBER
IDENTIFIER

1P
2D
3P
4P
6P
7P
8P

PART NUMBER:

M304S TT GA #P
GA

WHERE "TT" = GAUGE THICKNESS
WHERE "#P" = FINISH IDENTIFIER

EG. 16 GAUGE SS SHEET 2B FINISH = M304S16GA
EG. 16 GAUGE SS SHEET No. 4 POLISHED = M304S16GA4P

GAUGE THICKNESS REFERENCE:

GAUGE	NOM. THICK. (IN)	THICKNESS RANGE (IN)
26	0.01875	0.0178 - 0.019
25	0.021875	0.0199 - 0.023
24	0.025	0.024 - 0.026
23	0.028125	0.027 - 0.029
22	0.03125	0.030 - 0.032
21	0.034375	0.033 - 0.035
20	0.0375	0.036 - 0.040
19	0.04375	0.041 - 0.046
18	0.050	0.047 - 0.052
17	0.05625	0.053 - 0.058
16	0.0625	0.059 - 0.065
15	0.0703125	0.066 - 0.072
14	0.078125	0.073 - 0.083
13	0.09375	0.084 - 0.098
12	0.109375	0.099 - 0.114
11	0.125	0.115 - 0.130
10	0.140625	0.131 - 0.145
9	0.15625	0.146 - 0.160
8	0.171875	0.161 - 0.176
7	0.1875	0.182 - 0.194
6	0.2031	0.194 - 0.212
5	0.2188	0.201 - 0.228
4	0.2344	0.225 - 0.243
3	0.2500	0.238 - 0.262
2	0.2656	0.254 - 0.278
1	0.2813	0.269 - 0.293
0	0.3125	0.301 - 0.325

RELEASED

2015 FEB 04

ECN 15-322

D	ADDED GAUGES 0-7	AJS	15.01.06
C	DEFINED FINISH OPTION (ZN, CP) AND EXAMPLE OF MATERIAL PIN WITH FINISH OTHER THAN 2B (ZN B5).	MB	12.09.20
B	REFORMAT DWG. ADD ASTM/ASME SPECS (ZN D8-1), ADD GAUGE REF (C8-1), REF PAR 06-020A	CP	09.06.01
A	NEW ISSUE	DS	01.09.24
REV.	DESCRIPTION	BY	DATE
DESIGN	DS		
DRAWN	AJS		
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	15.01.06		

REV. D	REV. D
DRAWING NO.	M304S
TITLE	304/316 SS SHEET
SCALE	NTS
SHEET 1 OF 1	
DATE	15.01.06

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HAWKESBURY, ONTARIO, CANADA

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061T6 B2 500X1500

PO / BATCH NO.: pc37090/M38109

DATE: JUL 26 2017

MATERIAL CERT REC'D: yes

THICKNESS ORDERED: 25"X1.5"

QUANTITY RECEIVED: 12'

THICKNESS RECEIVED: 25"X1.5"

QUANTITY INSPECTED: 12'

SHEET SIZE ORDERED: N/A

QUANTITY REJECTED: 0

SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<input checked="" type="radio"/>	
CORRECT FINISH	<input checked="" type="radio"/>	N	
CORROSION	Y	<input checked="" type="radio"/>	
CORRECT GRAIN DIRECTION	<input checked="" type="radio"/>	N	
CORRECT MATERIAL PER M-DRAWING	<input checked="" type="radio"/>	N	Astm B221
CORRECT THICKNESS	<input checked="" type="radio"/>	N	
PHOTO REQUIRED	Y	<input checked="" type="radio"/>	
CORRECT REF # TO LINK CERT	<input checked="" type="radio"/>	N	HX #201620153
CORRECT MATERIAL IDENTIFICATION	<input checked="" type="radio"/>	N	M6061T6B
CORRECT M# ON THE MATERIAL	<input checked="" type="radio"/>	N	6061T6511
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<input checked="" type="radio"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<input checked="" type="radio"/>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK.
RECORD RESULTS BELOW

	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: <u>5</u> DATE: <u>JUL 26 2017</u>	SIGNED OFF BY: _____ DATE: _____		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR

SPECIFICATION:

QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)
OR ASTM B211 OR ASTM B221

PART NUMBER:

M6061T6B T.TTT X WW.WWW
THICK WIDTH
DAS 5 9-89

WHERE "T.TTT" = THICKNESS IN INCHES
"WW.WWW" = WIDTH IN INCHES

E.G. 1.0" X 12.0" BAR = M6061T6B1.000X12.000

RELEASED
R 2009-05-03
MD

B	REMOVE QQ-A-250/11, OPTION, REFORMAT NOTES, ADD ASTM B211/B221 (ZN D7-1)	CP	09.07.13
A	NEW ISSUE	DS	01.06.08
REV.	DESCRIPTION	BY	DATE
DESIGN	DS		
DRAWN			
CHECKED	AS		
MFG. APPR.	M6061T6B		
APPROVED	TITLE		
DE APPR.	6061-T6 BAR		
DATE	09.07.13		
DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		REV. B SHEET 1 OF 1	
SCALE		NTS	
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MATERIAL RECEIPT INSPECTION FORM

MATERIAL: 6061 T6 B1.000X6.000

PO / BATCH NO.: PO37090/M138109

DATE: JUL 26 2017

MATERIAL CERT REC'D: yes

THICKNESS ORDERED: 1"x6"

QUANTITY RECEIVED: 24'

THICKNESS RECEIVED: 1"x6"

QUANTITY INSPECTED: 24'

SHEET SIZE ORDERED: N/A

QUANTITY REJECTED: 0

SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT FINISH	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORROSION	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT GRAIN DIRECTION	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT MATERIAL PER M-DRAWING	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	45mm B221
CORRECT THICKNESS	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
PHOTO REQUIRED	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT REF # TO LINK CERT	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	H+H36576
CORRECT MATERIAL IDENTIFICATION	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	6061 T6
CORRECT M# ON THE MATERIAL	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	6061 T6
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK.
RECORD RESULTS BELOW

	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION

ENGINEERING SIGNOFF (if required)

INSPECTED BY: DA

SIGNED OFF BY: _____

DATE: JUL 26 2017

DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR

SPECIFICATION: QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)
OR ASTM B211 OR ASTM B221

PART NUMBER: M6061T6B | T.TTT | X | WWW.WWWW | THICK | WIDTH | 9-89
DAS 5

WHERE "T.TTT" = THICKNESS IN INCHES
"WWW.WWWW" = WIDTH IN INCHES

E.G. 1.0" X 12.0" BAR = M6061T6B1.000X12.000

RELEASED
R 2009-09-03

B	REMOVE QQ-A-250/11 OPTION, REFORMAT NOTES, ADD ASTM B211/B221 (ZN D7-1)	CP	09.07.13
A	NEW ISSUE	DS	01.06.08
REV.	DESCRIPTION	BY	DATE
DESIGN	DS		
DRAWN	AS		
CHECKED	AS		
MFG. APPR.	M6061T6B		
APPROVED	TITLE		
DE APPR.	6061-T6 BAR		
DATE	09.07.13		
DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA		REV. B SHEET 1 OF 1 SCALE NTS	
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MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061T6S-080
 DATE: JUL 26 2017

PO / BATCH NO.: 0037090/M13809

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 6459ft
 QUANTITY INSPECTED: 6459ft
 QUANTITY REJECTED: 0

THICKNESS ORDERED: .080
 THICKNESS RECEIVED: .085
 SHEET SIZE ORDERED: 4x8
 SHEET SIZE RECEIVED: 4x8

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT FINISH	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORROSION	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT GRAIN DIRECTION	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT MATERIAL PER M-DRAWING	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	<u>As m B209</u>
CORRECT THICKNESS	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
PHOTO REQUIRED	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT REF # TO LINK CERT	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	<u>HT# 275871</u>
CORRECT MATERIAL IDENTIFICATION	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT M# ON THE MATERIAL	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>DAS 5</u> DATE: <u>JUL 26 2017</u>	SIGNED OFF BY: _____ DATE: _____	

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 6061-T6/T62 ALUMINUM SHEET

SPECIFICATION: QQ-A-250/11 OR AMS-QQ-A-250/11
OR AMS-4026 OR AMS-4073
OR ASTM B209 **DAS**

PART NUMBER: M6061T6S XXX THK | **5** | **9-89**

WHERE "XXX" = SHEET THICKNESS (IN INCHES)

EG. 0.063" THICK SHEET = M6061T6S.063

PREFERRED SIZE: .XXX BY 4FT BY 8FT

RELEASED
R 2009-09-10
MP

B	REFORMAT DWG. ADD B209 SPEC (ZN D8-1).	CP	09.07.13
A	NEW ISSUE	DS	01.06.08
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	09.07.13		

DART AEROSPACE LTD		REV. B
HAWKESBURY, ONTARIO, CANADA		SHEET 1 OF 1
DRAWING NO.	M6061T6S	SCALE
TITLE	6061-T6 SHEET SPEC	NTS
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MATERIAL RECEIPT INSPECTION FORM

MATERIAL: 6061T6 B0.500
 DATE: JUL 26 2017

PO / BATCH NO.: 0037090/M138109

MATERIAL CERT REC'D: yes
 QUANTITY RECEIVED: 40'
 QUANTITY INSPECTED: 40'
 QUANTITY REJECTED: 0

THICKNESS ORDERED: .500"
 THICKNESS RECEIVED: .500"
 SHEET SIZE ORDERED: N/A
 SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT FINISH	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORROSION	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT GRAIN DIRECTION	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT MATERIAL PER M-DRAWING	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	<u>Astm B221</u>
CORRECT THICKNESS	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
PHOTO REQUIRED	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	
CORRECT REF # TO LINK CERT	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	<u>HT #68724</u>
CORRECT MATERIAL IDENTIFICATION	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	<u>6061T6R</u>
CORRECT M# ON THE MATERIAL	Y <input checked="" type="checkbox"/> N <input type="checkbox"/>	<u>6061T6</u>
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	<u>C</u>
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input type="checkbox"/> N <input checked="" type="checkbox"/>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: <u>5</u> <u>9-89</u>	SIGNED OFF BY: _____		
DATE: <u>JUL 26 2017</u>	DATE: _____		

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 6061-T6/T6510/T6511/T62 ALUMINUM ROUND BAR

SPECIFICATION: QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)
OR ASTM B211 OR ASTM B221

PART NUMBER:

M6061T6R(D,DDD)
DIA.

DAS
5

WHERE "D,DDD" = DIAMETER IN INCHES

EG. 5/8" ROUND BAR = M6061T6R0.625

RELEASED
2009-09-09
MAD

B	REFORMAT DWG. ADD B211 & B221 SPEC (ZN D8-1). REF PAR 08-020A	CP	09.07.13
A	NEW ISSUE	DS	01.06.08
REV.	DESCRIPTION	BY	DATE
DESIGN			
DRAWN			
CHECKED			
MFG. APPR.			
APPROVED			
DE APPR.			
DATE	09.07.13		
DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA			
DRAWING NO. M6061T6R			
SHEET 1 OF 1			
TITLE 6061-T6 ROUND BAR			
SCALE NTS			
DATE 09.07.13			
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MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M6061T6 B2.000x4.500

PO / BATCH NO.: PO37090/M138109

DATE: JUL 27 2017

MATERIAL CERT REC'D: yes

THICKNESS ORDERED: 2"X4.5"X5.6"

QUANTITY RECEIVED: 20 PCS

THICKNESS RECEIVED: 2"X4.5"X5.6"

QUANTITY INSPECTED: 20 PCS

SHEET SIZE ORDERED: N/A

QUANTITY REJECTED: 0

SHEET SIZE RECEIVED: N/A

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <input checked="" type="radio"/> N	
CORRECT FINISH	Y <input checked="" type="radio"/> N	
CORROSION	Y <input checked="" type="radio"/> N	
CORRECT GRAIN DIRECTION	Y <input checked="" type="radio"/> N	
CORRECT MATERIAL PER M-DRAWING	Y <input checked="" type="radio"/> N	AS+M
CORRECT THICKNESS	Y <input checked="" type="radio"/> N	
PHOTO REQUIRED	Y <input checked="" type="radio"/> N	
CORRECT REF # TO LINK CERT	Y <input checked="" type="radio"/> N	147# + 6061
CORRECT MATERIAL IDENTIFICATION	Y <input checked="" type="radio"/> N	6061T
CORRECT M# ON THE MATERIAL	Y <input checked="" type="radio"/> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <input checked="" type="radio"/> N	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <input checked="" type="radio"/> N	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK.
RECORD RESULTS BELOW

	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: _____	SIGNED OFF BY: _____
DATE: <u>JUL 27 2017</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR

SPECIFICATION: QQ-A-225/8 OR AMS-QQ-A-225/8 (OR AMS 4117/4128/4115/4116)
OR QQ-A-200/8 OR AMS-QQ-A-200/8 (OR AMS 4160)
OR ASTM B211 OR ASTM B221

PART NUMBER: M6061T6B | T.TTT | X | WW.WWWW
THICK | WIDTH

WHERE "T.TTT" = THICKNESS IN INCHES
"WW.WWWW" = WIDTH IN INCHES

E.G. 1.0" X 12.0" BAR = M6061T6B1.000X12.000

RELEASED
R 2009-05-03
MD

B	REMOVE QQ-A-250/11 OPTION, REFORMAT NOTES, ADD ASTM B211/B221 (2N D7-1)	CP	09.07.13
A	NEW ISSUE	DS	01.06.08
REV.	DESCRIPTION	BY	DATE
DESIGN	DS		
DRAWN	MD		
CHECKED	AS		
MFG. APPR.	M6061T6B		
APPROVED			
DE APPR.			
DATE	09.07.13		
DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA			
DRAWING NO. M6061T6B			
REV. B			
SHEET 1 OF 1			
SCALE			
NTS			
DATE 09.07.13			
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